

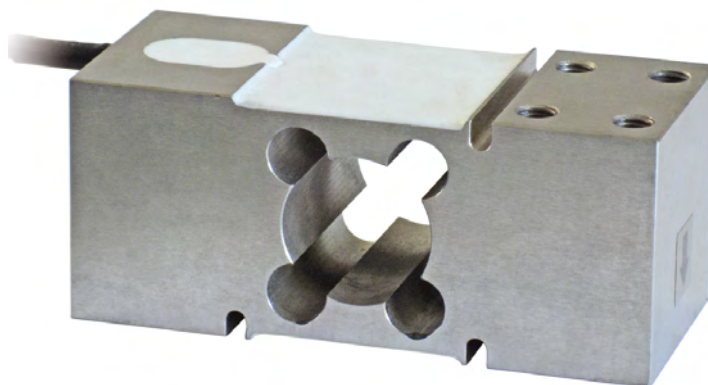
PEC

SINGLE-POINT LOAD CELL for platforms 600x600 mm



Manufactured according to OIML R60 standards

Capacity from 75 kg to 500 kg



- AISI 420 STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.02\%$
- PROTECTION CLASS IP67

CAPACITY	kg			EAC	PLATFORM DIMENSION (mm)	NET WEIGHT OF LOAD CELL (kg)	CODE
75		•	•	•	600 x 600	1.8	PEC75
150		•	•	•	600 x 600	1.8	PEC150
300		•	•	•	600 x 600	2	PEC300
500		•	•	•	600 x 600	2	PEC500

ON REQUEST

CERTIFICATIONS

CERTIFICATIONS ON REQUEST



ATEX II 1GD (zone 0-1-2-20-21-22)



IECEx (zone 0-1-2-20-21-22)



Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

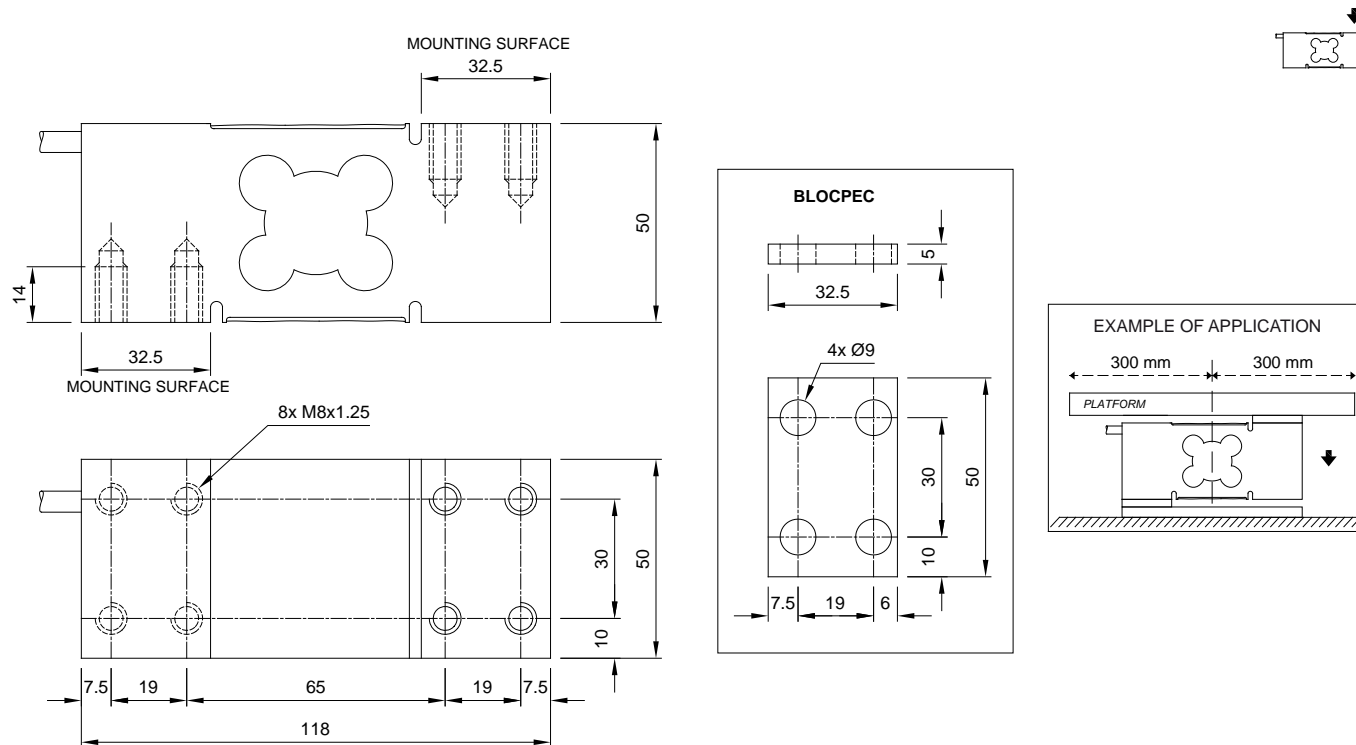
COMPLEMENTARY ACCESSORIES

	DESCRIPTION	CODE
	Stainless steel drawn block.	BLOCPEC

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SINGLE-POINT LOAD CELL for platforms 600x600 mm

DIMENSIONS (mm)

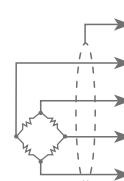


TECHNICAL FEATURES

Material	AISI 420 stainless steel		
Nominal load (E max)	75 - 150 - 300 - 500 kg		
Combined error	≤ ±0.02%		
Protection class	IP67		
Rated output	2 mV/V ±10%	Input resistance	385 Ω ±30
Temperature effect on zero	0.002% °C	Output resistance	350 Ω ±5
Temperature effect on span	0.002% °C	Zero balance	±1%
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-20 °C / +60 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.02%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.3 mm

ELECTRICAL CONNECTIONS

Cable length	3 m
Cable diameter	5 mm
Cores	4/6 x 0.20 mm ²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION / + REF./SENSE	RED BLUE
- SIGNAL	WHITE
- EXCITATION / - REF./SENSE	BLACK YELLOW
■ where provided	

Rev. 00 del 12/03/2015

The Company reserves the right to make changes to the technical data, drawings and images without notice.